

Claims

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1. Process for producing cyanuric chloride, comprising trimerisation of cyanogen chloride in the presence of a washed activated carbon having a BET surface area of at least $1000 \text{ m}^2/\text{g}$ and an Fe content of less than $0.15 \text{ wt.}\%$, (calculated as Fe_2O_3) at a temperature of at least 250°C , characterised in that an activated carbon having an effective pore volume V_{eff} of equal to or greater than 0.17 ml/g is used, V_{eff} being obtained from pores having a pore diameter in the range of 0.5 to 7 nm .
2. Process according to claim 1, characterised in that an activated carbon is used, whose effective pore volume V_{eff} is formed from the sum $V_{\text{eff}} = 0.25 \cdot V_{\text{micro}} + 0.5 V_{\text{meso}}$, V_{micro} comprising pores having a diameter of less than 2 nm and V_{meso} comprising pores having a diameter of 2 to 30 nm .
3. Process according to claim 1 or 2, characterised in that V_{eff} of the activated carbon used is at least 0.2 ml/g .
4. Process according to one of claims 1 to 3, characterised in that the activated carbon to be used has a bulk density of equal to or less than 420 g/l .
5. Process according to one of claims 1 to 4, characterised in that the activated carbon to be used has a BET surface area of at least $1200 \text{ m}^2/\text{g}$ and V_{eff} is at least 0.2 ml/g .